

SHEAR-SENSITIVE INJECTABLE MATERIAL DELIVERY SYSTEM

Abstract

- 5 A delivery system for delivering a shear-sensitive injectable material into the body of a mammal, such as a human being, acts as a mechanical feed that continuously mixes a shear-sensitive injectable material as it delivers the shear-sensitive injectable material to a target tissue, or to a site adjacent a target tissue. In one embodiment of the invention, the delivery system comprises an injector system including a rotatable mixing member coupled to a driving system.
- 10 The injector system comprises a housing defining a lumen and having an output end and a driving system connection end and includes a rotatable mixing member for coupling to the driving system and for mixing and delivering the shear-sensitive injectable material. The driving system comprises a drive mechanism, an actuator capable of actuating the drive mechanism, and an interfacing member coupled to the drive mechanism for coupling with the mixing member to
- 15 rotate the mixing member when the interfacing member is driven by the drive mechanism.

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